

VIEW OF MATING FACE

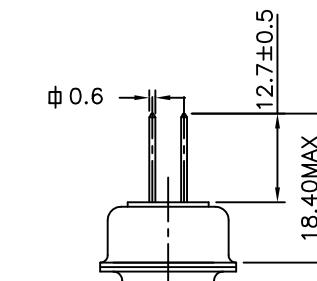
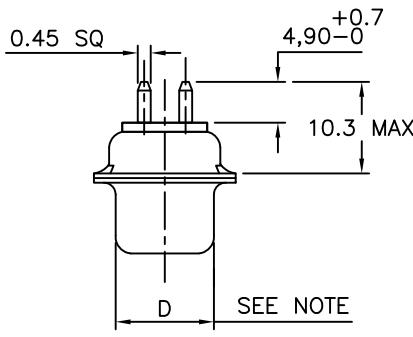
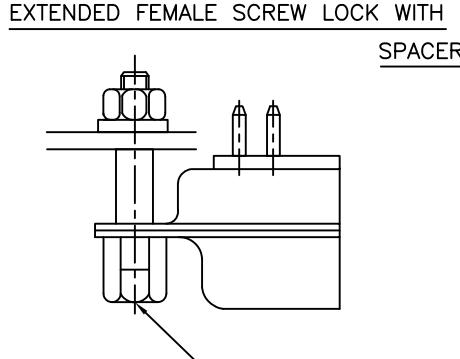
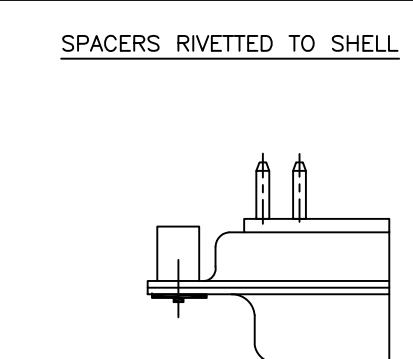
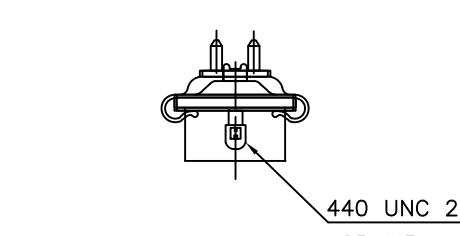
ORDERING INFORMATION

D	B	V	25	P	3	64	G	T	X	XXX	LF
LEAD FREE											
SERIES											
SHELL SIZE	E,A,B,C,D										
PANEL MOUNTING OPTIONS											
BLANK-STANDARD											
V-FEM. SCREW LOCK (UNC)											
N-FEM. SCREW LOCK M3											
S-SPACER RIVETTED TO SHELL											
L-CLINCH NUT (M3)											
O-CLINCH NUT (UNC)											
NO. OF CONTACTS	09,15,25,37,50										
CONTACTS	P - PIN	S - SOCKET									
TERMINATION TYPE	3-STRAIGHT SPILL	4-WIRE WRAP									
64 - 200 MATING CYCLES											
65 - 500 MATING CYCLES											

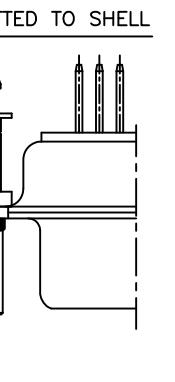
"This LF product meets European Union Directives and other country regulations as described in GS-22-008"

The housing will withstand exposure to 260°C peak temperature for 3.5 seconds in a wave solder application with a 1.6mm minimum thick circuit board.

Packaging as per GS-14-920

LAY OUT OF 50P CONNECTORWIRE WRAP CODE 4SPACERS RIVETTED TO SHELLMALE SCREW LOCK

ORD CODE:-
8630- 05(E.A.B.C.)
8630-03 D SHELL FEMALE
8630-15 D SHELL MALE
8630-04 E,A,B,C SHELL
WITH METAL HOOD
FOR 440 UNC 2A THREADED ADD UNC
TO THE CORRESPONDING ORD. CODE.

HARPOON PRESS FITTED TO SHELL

mat'l. code SEE NOTE 4				surface		tolerance		projection	product family		
Itr	ecn no	dr	date	tolerances unless otherwise specified		ISO 1302		ISO 406 ISO 1101			
				angles	linear					MM	
G	I11-0003	AMR	2011/01/06	dr	Mini K Vandana	1999/03/20					
H	I11-0047	AMR	2011/03/05	engr	George V Joseph	1999/03/20					
				chr	Abhilash M R	2009/09/04					
				appd	Sudhir Varma	2009/09/04					
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sheet		sheet	1								

50	P	66.65	52.68	61.11	11.08	14.99	11.09	5.85	55.07	13.31	1.50	1.0
	S	66.65	52.30	61.11	10.62	14.99	11.21	6.05	55.07	13.31	1.10	0.8
37	P	68.94	55.30	63.50	8.23	12.17	11.09	5.85	57.45	10.46	1.50	1.0
	S	68.94	54.71	63.50	7.77	12.17	11.21	6.05	57.45	10.46	1.10	0.8
25	P	52.65	38.84	47.04	8.23	12.17	11.07	5.85	41.02	10.46	1.10	0.8
	S	52.65	38.25	47.04	7.77	12.17	11.21	6.05	41.02	10.46	1.10	0.8
15	P	38.76	25.12	33.32	8.23	12.17	10.99	5.85	27.25	10.46	1.10	0.8
	S	38.76	24.54	33.32	7.77	12.17	11.21	6.05	27.25	10.46	1.10	0.8
09	P	30.43	16.79	24.99	8.23	12.17	10.99	5.85	19.02	10.46	1.10	0.8
	S	30.43	16.21	24.99	7.77	12.17	11.21	6.05	19.02	10.46	1.10	0.8
SHELL SIZE		+0.76	+0.25	±0.12	+0.25	+0.76	+0.15	E^0	+0.51	J^0	±0.2	+0.22
A		A^0	B^0	C^0	D^0	E^0	F^0	G^0	H^0	I^0	K^0	L^0

NOTE: INSIDE DIMENSION OF MALE AND OUTSIDE DIMENSION OF THE FEMALE CONNECTOR

TECHNICAL SPECIFICATIONS

SHELLS	: TIN/ZINC PLATED STEEL
CONTACTS DIA ON ACTIVE AREA	: 01 MM.
CONTACTS MATERIAL	: COPPER ALLOY
CONTACT PLATING	: GXT / GOLD OVER NICKEL (ACTIVE ZONE) TIN OVER NICKEL (TERMINATION ZONE)
FOR LEAD FREE PLATING	: 2μ MIN. TIN TOP OVER 1.27μ MIN.NICKEL UNDER PLATE(ON TERMINATION ZONE)
INSULATOR MATERIAL	: SELF EXTINGUISHING THERMOPLASTIC- TO UL CLASS 94 VO THE HOUSING WILL WITHSTAND EXPOSURE TO 260-265°C IF WE USE PROTECTIVE ADHESIVE (type Kapton or Teflon) OR PROTECTIVE METALLIC DEVICE
OPERATING TEMPERATURE	: -55°C +125°C
OPERATING CURRENT	: 5 A PER CONTACT
CONTACT RESISTANCE	: <10m Ω
INSULATION RESISTANCE	: >5000 M Ω
MAXIMUM VOLTAGE	: 1000 V.r.m.s
MECHANICAL ENDURANCE	: 500 MATINGS FOR CODE 64 200 MATINGS FOR CODE 65
DAMP HEAT	: 56 DAYS FOR >0.75μ GOLD PLATING 21 DAYS FOR <0.40μ GOLD PLATING

CLINCH NUT	HEXAGONAL FEMALE SCREW	HARPOON RIVETTED TO SHELL
3.85	6.4 max	3.6 6.25 UNC 4-40
L OR O	L - M3 O - UNC4-40	N - M3 V - UNC4-40

product family				title		dwg no	
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